

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHK41Instrument ID: P5Start Date : 12/29/2024Analytical Method: ICP-AESRun Batch : LB134116

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999948	0.120415	-0.001994	WLR Blank	Inverse Conc
Antimony	0.999794	0.102398	0.000004	WLR Blank	Inverse Conc
Arsenic	0.999465	118.415560	0.448360	WLR Blank	Inverse Conc
Barium	0.999954	4.535959	0.058496	WLR Blank	Inverse Conc
Beryllium	0.999866	10.273377	0.002231	WLR Blank	Inverse Conc
Boron	0.999470	0.967752	0.005014	WLR Blank	Inverse Conc
Cadmium	0.999991	4.214745	0.000592	WLR Blank	Inverse Conc
Calcium	0.999801	0.056286	0.008380	WLR Blank	Inverse Conc
Chromium	0.999870	0.186593	0.000005	WLR Blank	Inverse Conc
Cobalt	0.999942	0.957363	-0.000720	WLR Blank	Inverse Conc
Copper	0.999965	0.190033	0.002973	WLR Blank	Inverse Conc
Iron	0.999525	0.019881	0.000101	WLR Blank	Inverse Conc
Lead	0.999983	0.346133	0.000899	WLR Blank	Inverse Conc
Lithium	0.999947	1.144100	0.037148	WLR Blank	Inverse Conc
Magnesium	0.999770	0.009535	-0.000488	WLR Blank	Inverse Conc
Manganese	0.999907	0.457311	0.001233	WLR Blank	Inverse Conc
Molybdenum	0.999907	0.506802	0.000168	WLR Blank	Inverse Conc
Nickel	0.999999	0.919575	-0.000531	WLR Blank	Inverse Conc
Phosphorus	0.999822	0.100987	-0.002756	WLR Blank	Inverse Conc
Potassium	0.999856	0.026489	0.087242	WLR Blank	Inverse Conc
Selenium	0.999960	0.068066	0.000083	WLR Blank	Inverse Conc
Silicon	0.994149	1.447384	0.014545	WLR Blank	Inverse Conc
Silver	0.999964	0.251214	0.000486	WLR Blank	Inverse Conc
Sodium	0.998474	0.380679	-0.023855	WLR Blank	Inverse Conc
Strontium	0.999964	6.894000	-0.002286	WLR Blank	Inverse Conc
Sulfur	0.999741	0.038087	-0.000074	WLR Blank	Inverse Conc
Thallium	0.999878	0.078861	-0.000390	WLR Blank	Inverse Conc
Tin	0.999979	0.140174	0.000291	WLR Blank	Inverse Conc
Vanadium	0.999967	0.098915	0.000489	WLR Blank	Inverse Conc

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHK41
Instrument ID: P5 Start Date : 12/29/2024
Analytical Method: ICP-AES Run Batch : LB134116

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999969	2.582716	0.008135	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHK41Instrument ID: P5Start Date : 12/30/2024Analytical Method: ICP-AESRun Batch : LB134132

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999951	0.113968	0.000875	WLR Blank	Inverse Conc
Antimony	0.999083	0.160865	-0.000312	WLR Blank	Inverse Conc
Arsenic	0.999548	117.421280	0.487541	WLR Blank	Inverse Conc
Barium	0.999935	4.245252	0.053605	WLR Blank	Inverse Conc
Beryllium	0.999925	10.450081	-0.000173	WLR Blank	Inverse Conc
Boron	0.999296	0.762832	0.006534	WLR Blank	Inverse Conc
Cadmium	0.999988	3.967115	0.000151	WLR Blank	Inverse Conc
Calcium	0.999947	0.052583	0.005249	WLR Blank	Inverse Conc
Chromium	0.999926	0.291879	-0.000123	WLR Blank	Inverse Conc
Cobalt	0.999977	1.107243	-0.000442	WLR Blank	Inverse Conc
Copper	0.999947	0.134754	0.000698	WLR Blank	Inverse Conc
Iron	0.999784	0.023007	0.000335	WLR Blank	Inverse Conc
Lead	0.999915	0.251458	0.000232	WLR Blank	Inverse Conc
Lithium	0.999886	1.263612	0.042925	WLR Blank	Inverse Conc
Magnesium	0.999957	0.010916	-0.001169	WLR Blank	Inverse Conc
Manganese	0.999945	0.414990	0.000007	WLR Blank	Inverse Conc
Molybdenum	0.999370	0.766525	-0.000025	WLR Blank	Inverse Conc
Nickel	0.999973	0.665882	-0.001016	WLR Blank	Inverse Conc
Phosphorus	0.999733	0.080303	-0.003951	WLR Blank	Inverse Conc
Potassium	0.999790	0.029187	0.063542	WLR Blank	Inverse Conc
Selenium	0.999649	0.064417	-0.000074	WLR Blank	Inverse Conc
Silicon	0.994404	1.563030	0.013342	WLR Blank	Inverse Conc
Silver	0.999823	0.306197	0.000378	WLR Blank	Inverse Conc
Sodium	0.998069	0.388794	0.006771	WLR Blank	Inverse Conc
Strontium	0.999979	8.362116	-0.001176	WLR Blank	Inverse Conc
Sulfur	0.999510	0.046242	0.000099	WLR Blank	Inverse Conc
Thallium	0.999947	0.092687	-0.000178	WLR Blank	Inverse Conc
Tin	0.999898	0.129221	0.000797	WLR Blank	Inverse Conc
Vanadium	0.999976	0.111652	-0.000002	WLR Blank	Inverse Conc

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Instrument ID: P5 Start Date : 12/30/2024
Analytical Method: ICP-AES Run Batch : LB134132

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999817	2.486116	0.070515	WLR Blank	Inverse Conc

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INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011Lab Code: ACE Case No.: 51879MA No.: _____ SDG No.: MBHK41Instrument ID: P5Start Date : 12/31/2024Analytical Method: ICP-AESRun Batch : LB134139

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999935	0.116225	-0.002383	WLR Blank	Inverse Conc
Antimony	0.999456	0.164253	0.000618	WLR Blank	Inverse Conc
Arsenic	0.999659	121.442660	0.701325	WLR Blank	Inverse Conc
Barium	0.999937	4.393278	0.059957	WLR Blank	Inverse Conc
Beryllium	0.999923	11.780982	0.003304	WLR Blank	Inverse Conc
Boron	0.998268	0.868994	0.021015	WLR Blank	Inverse Conc
Cadmium	0.999978	4.066746	0.001108	WLR Blank	Inverse Conc
Calcium	0.999981	0.053687	0.005749	WLR Blank	Inverse Conc
Chromium	0.999935	0.304189	0.000422	WLR Blank	Inverse Conc
Cobalt	0.999984	1.111775	-0.000372	WLR Blank	Inverse Conc
Copper	0.999907	0.136088	0.002278	WLR Blank	Inverse Conc
Iron	0.999824	0.022795	0.001631	WLR Blank	Inverse Conc
Lead	0.999947	0.257599	-0.000160	WLR Blank	Inverse Conc
Lithium	0.997962	1.287354	0.153812	WLR Blank	Inverse Conc
Magnesium	0.999981	0.010894	-0.000885	WLR Blank	Inverse Conc
Manganese	0.999981	0.414666	0.005245	WLR Blank	Inverse Conc
Molybdenum	0.999580	0.635437	0.001919	WLR Blank	Inverse Conc
Nickel	0.999978	0.674444	-0.001170	WLR Blank	Inverse Conc
Phosphorus	0.999778	0.081379	-0.004186	WLR Blank	Inverse Conc
Potassium	0.999666	0.030024	0.084576	WLR Blank	Inverse Conc
Selenium	0.999755	0.067168	0.000506	WLR Blank	Inverse Conc
Silicon	0.993739	1.790648	0.013886	WLR Blank	Inverse Conc
Silver	0.999877	0.316682	0.001266	WLR Blank	Inverse Conc
Sodium	0.998291	0.425644	0.145186	WLR Blank	Inverse Conc
Strontium	0.999935	8.554425	0.002994	WLR Blank	Inverse Conc
Sulfur	0.999573	0.048368	0.000327	WLR Blank	Inverse Conc
Thallium	0.999896	0.092640	-0.000135	WLR Blank	Inverse Conc
Tin	0.999843	0.130498	0.001564	WLR Blank	Inverse Conc
Vanadium	0.999968	0.112037	-0.000038	WLR Blank	Inverse Conc

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Instrument ID: P5 Start Date : 12/31/2024
Analytical Method: ICP-AES Run Batch : LB134139

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Zinc	0.999941	2.467046	0.037870	WLR Blank	Inverse Conc

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Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
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